

Norwood PCBs  
NPL Site Administrative Record  
Explanation of Significant Differences  
Operable Unit 1

Index

Prepared by  
EPA New England  
Office of Site Remediation & Restoration

## **Introduction to the Collection**

This is the Administrative Record for the Norwood PCBs Superfund site, Norwood, MA, OU 1, Entire Site, Explanation of Significant Differences (ESD), released February 2005. The file contains site-specific documents and a list of guidance documents used by EPA staff in selecting a response action at the site.

This file includes, by reference, the administrative record files for the Norwood PCBs, OU 1 Record of Decision, issued September 29, 1989 and OU 1 Record of Decision Amendment, issued May 17, 1996.

The administrative record file is available for review at:

Morrill Memorial Library  
Walpole Street  
Norwood, MA 02062  
(781) 769-0200 (phone)  
<http://www.ci.norwood.ma.us/library/index.html>

EPA New England Superfund Records & Information Center  
1 Congress Street, Suite 1100 (HSC)  
Boston, MA 02114 (by appointment)  
617-918-1440 (phone)  
617-918-1223 (fax)  
<http://www.epa.gov/region01/superfund/resource/records.htm>

Questions about this administrative record file should be directed to the EPA New England site manager.

An administrative record file is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

## ESD

## AR Collection QA Report

\*\*\*For External Use\*\*\*

**03: REMEDIAL INVESTIGATION (RI)****45709 FINAL SUPPLEMENTAL RISK ASSESSMENT****Author:** FOSTER WHEELER ENVIRONMENTAL CORP**Doc Date:** 04/01/2000 **# of Pages:** 122**Addressee:** US ARMY CORPS OF ENGINEERS**Doc Type:** REPORT**45695 FINAL TECHNICAL MEMORANDUM, DEVELOPMENT OF RISK-BASED ACTION LEVELS FOR THE PROTECTION OF ECOLOGICAL RECEPTORS FOR CONTAMINANTS OF POTENTIAL CONCERN IN GROUNDWATER****Author:** FOSTER WHEELER ENVIRONMENTAL CORP**Doc Date:** 03/01/2002 **# of Pages:** 40**Addressee:** US ARMY CORPS OF ENGINEERS**Doc Type:** REPORT**45694 TECHNICAL MEMORANDUM, EVALUATION OF THE DISTRIBUTION OF 1,2,4-TRICHLOROBENZENE IN SITE GROUNDWATER****Author:** FOSTER WHEELER ENVIRONMENTAL CORP**Doc Date:** 05/01/2002 **# of Pages:** 10**Addressee:** US ARMY CORPS OF ENGINEERS**Doc Type:** REPORT**45708 FINAL AMENDMENT TO THE SUPPLEMENTAL RISK ASSESSMENT****Author:** FOSTER WHEELER ENVIRONMENTAL CORP**Doc Date:** 05/01/2002 **# of Pages:** 128**Addressee:** US ARMY CORPS OF ENGINEERS**Doc Type:** REPORT

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**03: REMEDIAL INVESTIGATION (RI)****217044 PHASE 2 ECOLOGICAL AND HUMAN HEALTH RISK SUMMARY REPORT****Author:** TETRA TECH FW INC**Doc Date:** 07/01/2004**# of Pages:** 52**Addressee:** US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION**Doc Type:** REPORT**05: RECORD OF DECISION (ROD)****220671 RECORD OF DECISION (ROD)****Author:** US EPA REGION 1**Doc Date:** 09/29/1989**# of Pages:** 306**Addressee:****Doc Type:** REPORT**Doc Type:** RECORD OF DECISION**220672 RECORD OF DECISION (ROD) AMENDMENT****Author:** US EPA REGION 1**Doc Date:** 05/17/1996**# of Pages:** 87**Addressee:****Doc Type:** REPORT**222063 STATE CONCURRENCE TO EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)****Author:** RICHARD J CHALPIN MA DEPT OF ENVIRONMENTAL PROTECTION**Doc Date:** 02/15/2005**# of Pages:** 2**Addressee:** SUSAN STUDLIEN US EPA REGION 1 - OFFICE OF SITE REMEDIATION & RESTORATION**Doc Type:** LETTER

## ESD

## AR Collection QA Report

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**05: RECORD OF DECISION (ROD)****222061 EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)****Author:** US EPA REGION 1**Doc Date:** 02/23/2005 **# of Pages:** 34**Addressee:****Doc Type:** EXPLANATION OF SIGNIFICANT DIF**Doc Type:** REPORT**07: REMEDIAL ACTION (RA)****204904 REMEDIAL CONSTRUCTION REPORT - BUILDING DEMOLITION PHASE - VOLUME 1 OF 2****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 11/11/1997 **# of Pages:** 225**Addressee:****Doc Type:** REPORT**204905 REMEDIAL CONSTRUCTION REPORT - BUILDING DEMOLITION PHASE - VOLUME 2 OF 2****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 11/11/1997 **# of Pages:** 507**Addressee:****Doc Type:** REPORT**49834 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 1 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003 **# of Pages:** 491**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT

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## 07: REMEDIAL ACTION (RA)

**49844 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 2 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 324**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**49846 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 3 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 667**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**49847 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 4 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 536**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**49848 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 5 OF 7 (PART 1 OF 2)****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 450**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT

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## 07: REMEDIAL ACTION (RA)

**49849 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 5 OF 7 (PART 2 OF 2)****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 488**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**49850 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 6 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 459**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**49851 FINAL SUBMITTAL REMEDIAL CONSTRUCTION REPORT SOIL/BROOK REMEDIATION PHASE, VOLUME 7 OF 7****Author:** GZA GEOENVIRONMENTAL INC**Doc Date:** 09/01/2003**# of Pages:** 398**Addressee:** NORWOOD PCB SUPERFUND SITE REMEDIATION TRUST**Doc Type:** REPORT**217045 PHASE 2 FIELD INVESTIGATION RESULTS FOR MEADOW BROOK AND THE NEPONSET RIVER****Author:** TETRA TECH FW INC**Doc Date:** 07/01/2004**# of Pages:** 55**Addressee:** US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION**Doc Type:** REPORT**Doc Type:** SAMPLING & ANALYSIS DATA

## ESD

## AR Collection QA Report

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**08: POST REMEDIAL ACTION****217043 GROUNDWATER PLUME MIGRATION TECHNICAL EVALUATION****Author:** FOSTER WHEELER ENVIRONMENTAL CORP**Doc Date:** 01/01/2003 **# of Pages:** 47**Addressee:** US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION**Doc Type:** REPORT**220080 SECOND FIVE-YEAR REVIEW REPORT****Author:** US EPA REGION 1**Doc Date:** 12/29/2004 **# of Pages:** 81**Addressee:****Doc Type:** FIVE-YEAR REVIEW REPORT**Doc Type:** REPORT**09: STATE COORDINATION****45710 GROUNDWATER USE AND VALUE DETERMINATION****Author:** JAY NAPARSTEK MA DEPT OF ENVIRONMENTAL PROTECTION**Doc Date:** 05/11/2001 **# of Pages:** 6**Addressee:** DANIEL COUGHLIN US EPA REGION 1**Doc Type:** LETTER**Number of Documents in Collection:**23



# GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

**TITLE**

EVALUATION OF THE B.E.S.T. SOLVENT EXTRACTION SLUDGE TREATMENT TECHNOLOGY. TWENTY-FOUR HOUR TEST.

DOCDATE	OSWER/EPA ID	DOCNUMBER
	EPA 600/2-88/051	C027

**TITLE**

NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN.

DOCDATE	OSWER/EPA ID	DOCNUMBER
		C063

**TITLE**

PROTECTION OF WETLANDS: EXECUTIVE ORDER 11990. 42 FED. REG. 26961 (1977).

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/24/1977		C003

**TITLE**

APPLICABILITY OF PCB REGULATIONS TO SPILLS WHICH OCCURRED PRIOR TO THE EFFECTIVE DATE OF THE 1978 REGULATION.

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/3/1979		C057

**TITLE**

DEVELOPMENT OF ADVISORY LEVELS FOR POLYCHLORINATED BIPHENYLS (PCBS) CLEANUP.

DOCDATE	OSWER/EPA ID	DOCNUMBER
5/1/1986	EPA 600/6-86/002	C019

**TITLE**

HANDBOOK FOR STABILIZATION/SOLIDIFICATION OF HAZARDOUS WASTE

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1986	EPA/540/2-86-001	2308

**TITLE**

SUPERFUND REMEDIAL DESIGN AND REMEDIAL ACTION GUIDANCE

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1986	OSWER #9355.0-4A	2011

**TITLE**

DRAFT GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1986	OSWER #9283.1-2	C022

**TITLE**

SUPERFUND PUBLIC HEALTH EVALUATION MANUAL

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1986	OSWER #9285.4-1	5014

**TITLE**

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. AMENDED BY PL 99-499, 10/17/86.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/17/1986		C018

**TITLE**

INTERIM GUIDANCE ON SUPERFUND SELECTION OF REMEDY

DOCDATE	OSWER/EPA ID	DOCNUMBER
12/24/1986	OSWER #9355.0-19	9000

# GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

## TITLE

DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES: DEVELOPMENT PROCESS

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1987	EPA/540/G-87/003	2101

## TITLE

PCB SEDIMENT DECONTAMINATION - TECHNICAL/ECONOMIC ASSESSMENT OF SELECTED ALTERNATIVE TREATMENTS. PROJECT SUMMARY.

DOCDATE	OSWER/EPA ID	DOCNUMBER
3/1/1987	EPA/600/S2-86/112	C077

## TITLE

CHEMICAL DESTRUCTION OF HALOGENATED ALIPHATIC HYDROCARBONS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/23/1987		C014

## TITLE

INTERIM GUIDANCE ON COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/9/1987	OSWER #9234.0-05	C055

## TITLE

COMPENDIUM OF TECHNOLOGIES USED IN THE TREATMENT OF HAZARDOUS WASTES

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1987	EPA/625/8-87/014	2300

## TITLE

COMMENTS ON THE PCB CONTAMINATION-REGULATORY AND POLICY BACKGROUND MEMO.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/14/1987		C050

## TITLE

PCB SEDIMENT DECONTAMINATION PROCESSES SELECTION FOR TEST AND EVALUATION (TAKEN FROM HAZARDOUS WASTE & HAZARDOUS MATERIALS, VOL. 5, NUMBER, 3, 1988).

DOCDATE	OSWER/EPA ID	DOCNUMBER
1/1/1988		C068

## TITLE

APPLICATION OF INTERIM SEDIMENT CRITERIA VALUES AT SULLIVAN'S LEDGE SUPERFUND SITE.

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/11/1988		C049

## TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK (INTERIM VERSION). INCLUDES CHAPTER 6, DATED 11/03/88.

DOCDATE	OSWER/EPA ID	DOCNUMBER
6/1/1988	OSWER #9230.0-03B	7000

## TITLE

SEDIMENT QUALITY VALUES REFINEMENT: 1988 UPDATE AND EVALUATION OF PUGET SOUND AET.

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1988		C095

## TITLE

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA.

DOCDATE	OSWER/EPA ID	DOCNUMBER
10/1/1988	OSWER #9355.3-01	2002

# GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

**TITLE**

BASIC EXTRACTIVE SLUDGE TREATMENT (B.E.S.T.) DEMONSTRATED AVAILABLE TECHNOLOGY.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
12/16/1988		C005

**TITLE**

LAND DISPOSAL RESTRICTIONS. SUMMARY OF REQUIREMENTS.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
6/1/1989	OS-520	C123

**TITLE**

SUPPLEMENTAL RISK ASSESSMENT GUIDANCE FOR THE SUPERFUND PROGRAM. DRAFT FINAL.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
6/1/1989	EPA 901/5-89-001	C104

**TITLE**

GUIDANCE ON REMEDIAL ACTIONS FOR SUPERFUND SITES WITH PCB CONTAMINATION.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
8/1/1990	OSWER #9355.4-01	2014

**TITLE**

GUIDE ON REMEDIAL ACTIONS AT SUPERFUND SITES WITH PCB CONTAMINATION. QUICK REFERENCE FACT SHEET.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
8/1/1990	OSWER #9355.4-01FS	C254

**TITLE**

GROUNDWATER USE AND VALUE DETERMINATION GUIDANCE. A RESOURCE-BASED APPROACH TO DECISION MAKING. FINAL DRAFT.

<b>DOCDATE</b>	<b>OSWER/EPA ID</b>	<b>DOCNUMBER</b>
4/3/1996		C273